



Local Situation Report

Prepared: 7-22-14 @ 0930

Local	GACC	Nat'l
1	1	3

Today's Fire Danger
Moderate/High

INCIDENT SUMMARY for Yesterday

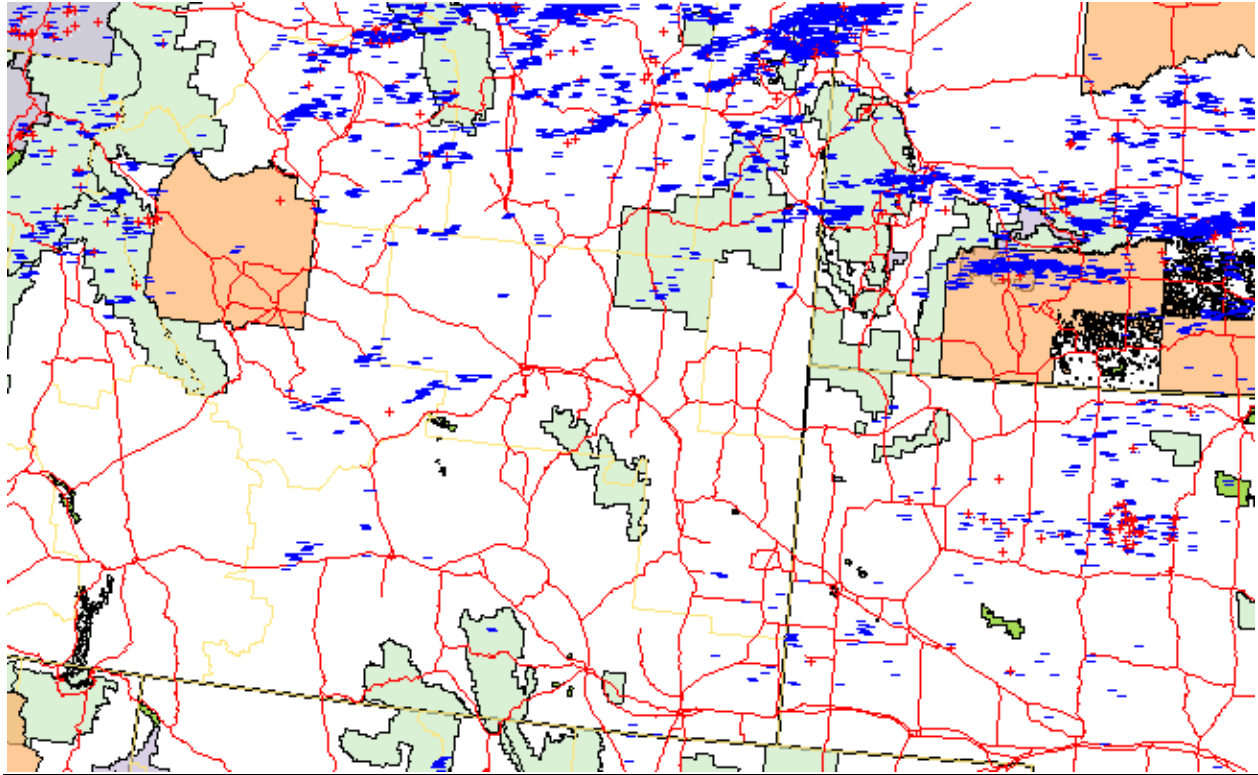
COUNTY AND STATE FIRES						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

WHPD BLM						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

Area Discussion:

Had a report of a fire in Campbell County, no information was given on it. E 2601 will be checking the area of the report today.

Lightning Map**INDICES (forecasted/actual)**

<u>FDRA</u>	Predicted Today 7/22/14		
	Indices	Forecasted for 7/22	Actual for 7/21
Echeta	BI	47	62
Rochelle Hills	BI	48	100
Rochelle Hills	ERC	18	20
Poker Creek	ERC	54	61
Casper Mtn	ERC	62	64
Fales Rock	BI	50	143
Sandstone	ERC	N/A	70
Esterbrook	ERC	N/A	52
Sawmill Park	ERC	N/A	46

Duty Officers for Today:

<u>Duty Officers</u>	FS - Laramie	Gonnoud
	FS - Saratoga	Rogge
	FS - Douglas	Westbrook
	BLM	Ellis
	State	Graham
	FS – MBF NF	Miller
	Dispatch	Neibaer

Local Aviation Resources		Location	Status
	2TJ (Duncan) State	Rock Creek Fire	Committed
	2HX (Rawlins) BLM	Out of area	Committed

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0539	2037	2107
Casper	0547	2036	2106
Glenrock	0545	2035	2106
Laramie	0430	2029	2059

Fire Restriction for the zone:

Agency	Date	Closed	Remarks
WEX	7/10		Weston Cnt open burning restrictions
BLM	7/10		BLM Lands Weston County

Weather Discussion

WYZ280 -
NATRONA COUNTY/CASPER BLM

FIRE CONDITIONS SHOULD IMPROVE TODAY AS THERE WILL BE SOMEWHAT HIGHER RELATIVE HUMIDITY ALONG WITH LIGHTER WINDS. THERE WILL STILL BE A RISK OF AN AFTERNOON OR EVENING THUNDERSTORM...MAINLY ACROSS NORTHERN PORTIONS OF ZONE 281. FIRE CONDITIONS WILL WORSEN ON WEDNESDAY AND THURSDAY AS RIDGING BUILDS ACROSS THE AREA FROM THE SOUTH. THIS WILL BRING LOWER RELATIVE HUMIDITY...HOT TEMPERATURES ALONG WITH A GUSTY WEST TO SOUTHWEST WIND AT TIMES. SOME MID LEVEL MOISTURE SURGING NORTHWARD COULD BRING AN ISOLATED THUNDERSTORM WEDNESDAY OR THURSDAY AFTERNOON...MAINLY ACROSS EASTERN PORTIONS OF ZONES 280 AND 281 AS WELL AS CASPER MOUNTAIN.

.TODAY...

SKY/WEATHER.....MOSTLY SUNNY.
MAX TEMPERATURE.....88-93.
MIN HUMIDITY.....11-17 PERCENT.
20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH. 10 MPH AFTER 1500.
RIDGE TOP WINDS.....SOUTHWEST AROUND 10 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLEAR.
MIN TEMPERATURE.....57-62.
MAX HUMIDITY.....64-70 PERCENT.

20-FOOT WINDS.....DOWNSLOPE/DOWNVALLEY 4-7 MPH UNTIL 2100...THEN
EAST AROUND 10 MPH. GUSTS UP TO 15 MPH.
RIDGE TOP WINDS.....SOUTHEAST 10 TO 15 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
HAINES INDEX.....6 OR HIGH POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL
GRASSLAND

CONTINUED DRY FOR AREAS WEST OF THE LARAMIE RANGE TODAY WITH AFTERNOON
HUMIDITIES FALLING TO 10 PERCENT OR LESS. IT WONT BE AS WINDY TODAY
THOUGH...SO FIRE WEATHER CONCERNS WILL BE MINIMAL. AREAS ALONG AND EAST
OF THE LARAMIE RANGE SHOULD SEE INCREASING CHANCES FOR WETTING RAINS
WEDNESDAY AS A COLD FRONT MOVES IN AND LAYS UP ALONG THE EAST SLOPES
OF THE LARAMIE RANGE. FIRE WEATHER CONCERNS INCREASE FRIDAY AS HOTTER
TEMPERATURES AND GUSTY WINDS RETURN TO THE AREA.

.TODAY...

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1200...THEN PARTLY CLOUDY.
ISOLATED SHOWERS AND THUNDERSTORMS AFTER 1500.
SOME THUNDERSTORMS MAY BE SEVERE WITH DAMAGING
WINDS AND LARGE HAIL AFTER 1500.

MAX TEMPERATURE.....90-95.

MIN HUMIDITY.....17-23 PERCENT.

20-FOOT WINDS.....SOUTHEAST AROUND 5 MPH.

LAL.....1 UNTIL 1500...THEN 2.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTHEAST 5 TO 10 MPH.

MIXING HEIGHT.....6500-8300 FT AGL INCREASING TO 9600-11600 FT
AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....FAIR TO GOOD (41600-89800 KNOT-FT).

HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....PARTLY CLOUDY. SLIGHT CHANCE OF SHOWERS AND
THUNDERSTORMS UNTIL 2100.

MIN TEMPERATURE.....61-66.

MAX HUMIDITY.....76-82 PERCENT.

20-FOOT WINDS.....SOUTHEAST AROUND 10 MPH.

LAL.....2 UNTIL 2100...THEN 1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTHEAST 10 TO 15 MPH.

MIXING HEIGHT.....5100-6300 FT AGL DECREASING TO 400-900 FT AGL
AFTER MIDNIGHT.

SMOKE DISPERSAL.....GOOD (62100 KNOT-FT) DECREASING TO POOR (6600
KNOT-FT) AFTER MIDNIGHT.

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

Weather Discussion

WYZ307 -
SNOWY RANGE/MEDICINE BOW NF

CONTINUED DRY FOR AREAS WEST OF THE LARAMIE RANGE TODAY WITH AFTERNOON HUMIDITIES FALLING TO 10 PERCENT OR LESS. IT WONT BE AS WINDY TODAY THOUGH...SO FIRE WEATHER CONCERNS WILL BE MINIMAL. AREAS ALONG AND EAST OF THE LARAMIE RANGE SHOULD SEE INCREASING CHANCES FOR WETTING RAINS WEDNESDAY AS A COLD FRONT MOVES IN AND LAYS UP ALONG THE EAST SLOPES OF THE LARAMIE RANGE. FIRE WEATHER CONCERNS INCREASE FRIDAY AS HOTTER TEMPERATURES AND GUSTY WINDS RETURN TO THE AREA.

. TODAY . . .

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1500...THEN PARTLY CLOUDY.
SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS
AFTER 1500.

MAX TEMPERATURE.....74-82.

MIN HUMIDITY.....11-17 PERCENT.

20-FOOT WINDS.....SOUTHWEST AROUND 5 MPH.

LAL.....1 UNTIL 1500...THEN 3.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTHWEST AROUND 10 MPH.

MIXING HEIGHT.....7400-8800 FT AGL INCREASING TO 10500-12500 FT
AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....GOOD TO VERY GOOD (80200-122900 KNOT-FT).

HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....PARTLY CLOUDY.
MIN TEMPERATURE.....50-56.
MAX HUMIDITY.....53-59 PERCENT.
20-FOOT WINDS.....EAST AROUND 5 MPH SHIFTING TO THE SOUTH AFTER
MIDNIGHT.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....EAST AROUND 10 MPH SHIFTING TO THE SOUTH AFTER
MIDNIGHT.
MIXING HEIGHT.....5400-6500 FT AGL DECREASING TO 300 FT AGL AFTER
MIDNIGHT.
SMOKE DISPERSAL.....FAIR (58200 KNOT-FT) DECREASING TO POOR (4200
KNOT-FT) AFTER MIDNIGHT.
HAINES INDEX.....6 OR HIGH POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.